

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						Page 1 of 2		
						Aug-2004		
TO: Port Director, Tampa Port Authority P.O. Box 2192, Tampa, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Tampa Harbor, Hillsborough Co., FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Entrance Channels: Egmont Cut-1; From Buoy-2 to Buoy-8	Feb-2004	700	5.2	45	41.9 (1)	47.0	46.3	45.6
Egmont Cut-1 and Widener; From Buoy-8 to Buoy-15	Feb-2004	700-1000	7.5	45	23.5 (2)	44.0	44.7	38.6 (2)
Egmont Cut-2 and Widener; From Buoy-15 to Buoy-20	Feb-2004	700-1000	2.5	43	42.0 (3)	42.4 (3)	44.9	43.1
Mullet Key Cut and Widener; From Egmont Buoy-20 to Buoy-26	Feb-2004	600-900	4.2	43	39.2 (4)	42.5 (4)	41.6 (4)	37.2 (4)
Cut-A & Widener; From Buoy-26 to Buoy-6A	Feb-2004	500-700	3.2	43	38.0 (5)	42.2 (5)	42.9 (5)	42.4 (5)
Cut-B and Widener; From Buoy-6A to Buoy-1C	Feb-2004	500-700	4	43	43.0	42.7 (6)	43.0	41.5
Cut-C and Widener; From Buoy-1C to Buoy-6C	Feb-2004	500-750	2	43	42.2 (7)	44.6	44.3	43.0
Entrance Channels Cut-D and Widener; From Buoy-6C to Buoy-6D	Feb-2004	500-650	2.5	43	42.8 (8)	43.4	44.0	41.6 (8)
Cut-E and Widener; From Buoy-6D to Buoy-6E	Feb-2004	500-700	2.4	43	44.1	42.0 (9)	42.7 (9)	44.1
Cut-F; From Buoy-6E to 1200 feet west of Buoy-10F	Feb-2004	500	1.8	43	40.5(10)	43.3	43.0	42.6(10)
Port Tampa Channel: Cut-G; From Buoy-1G to 2100 feet west of Buoy- 7G	Feb-2004	400	3.1	34	34.5	36.8	35.4	31.8(11)
Widener; From Buoy-7F to Buoy- 1G (Jct Cuts F&G)	Feb-2004	00-970	0.4	41	32.7(12)*	35.5*	37.1*	35.6*
Cut-J and Widener; From 1050 feet southwest of Buoy-10J up to Buoy- 13J	Feb-2004	400-450	1.3	34	33.2(13)*	35.0*	33.8(13)*	34.2*
Widener; From Buoy-8G to Buoy- 12J (Jct Cuts-G&J)	Feb-2004	00-770	0.6	34	35.5*	36.7*	37.5*	33.0(14) *
Cut-J2 and Widener to Cut-K; From Buoy-13J to Buoy-6K	Feb-2004	400-450	2.6	34	32.5(15)*	35.7*	36.1*	33.7(15) *
Cut-K; From Buoy-6K to Buoy-9K	Feb-2004	400	0.8	34	33.5(16)*	36.4*	37.3*	34.3*
Turning Basin Cut-K; From Buoy- 9K to Buoy-11K	Feb-2004	400-750	0.6	34	29.1(17)*	37.1*	36.1*	34.9*
<div> <div>ENG FORM 4021-R, NOV 90</div> <div>EDITION OF JUL 59 IS OBSOLETE</div> <div>(Proponent:CECW-O</div> </div>								

<b>REPORT OF CHANNEL CONDITIONS</b> <b>(FOR CHANNELS 400 FEET WIDE OR</b> <b>GREATER)</b>						Page 2 of 2  Aug-2004		
<b>TO:</b> Port Director, Tampa Port Authority P.O. Box 2192, Tampa, FL				<b>FROM</b> USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
<b>RIVER/HARBOR NAME AND STATE</b> Tampa Harbor, Hillsborough Co., FL				<b>MINIMUM DEPTHS IN EACH 1/4 WIDTH OF</b> <b>CHANNEL ENTERING FROM SEAWARD</b>				
<b>NAME OF CHANNEL</b>	<b>Date of Survey</b>	<b>AUTHORIZED PROJECT</b>			<b>Left Outside Quarter (feet)</b>	<b>Left Inside Quarter (feet)</b>	<b>Right Inside Quarter (feet)</b>	<b>Right Outside Quarter (feet)</b>
		<b>Width  (feet)</b>	<b>Length  (miles)</b>	<b>Depth  (feet)</b>				

**Remarks:**

- (1) Shoaling located along the northern edge of channel 2,600 feet east of green Buoy-3 extending 1,524 east. Shoaling extends 100 feet into the channel.
- (2) Shoaling located along the northern edge of channel approximately 1 mile west of green Buoy-9 extending to 1.4 miles east of green Buoy-13. Shoaling located along the southern edge of channel, which extends approximately 100 feet into the channel from red Buoy-10 to .7 mile west of red Buoy-14.
- (3) Spot shoal located 600 feet southeast of green Buoy-17.
- (4) Spot shoal located along the northern edge of channel 1,100 feet west of green Buoy-25. Shoal located along the southern portion of the channel .6 mile east of red Buoy-20 extending 100 feet into channel.
- (5) Shoaling located 670 southeast of green Buoy-1A approximately 280 from northern edge of channel. Shoaling extends eastward 1,500 feet. Spot shoal located on northern edge of channel 3,460 feet east of red Buoy-1. Spot shoal located on southern edge of channel 475 east of red Buoy-4A.
- (6) Spot shoal located along northern edge of channel 530 feet north of red Buoy-6B. Spot shoal located 1,110 northeast of red Buoy-6B approximately 220 feet from northern edge of channel. Spot shoal located along southern edge of channel 275 northeast of red Buoy-4B.
- (7) Spot shoal located along northern edge of channel 216 feet east of green Buoy-1C.
- (8) Spot shoal located on northern edge of channel 880 southwest of green Buoy-1D. Spot Shoal located on southern edge of channel near red Buoy-6C.
- (9) Shoaling located in middle portion of channel 250 feet northeast from green Buoy-3E extending northeast 1,750 feet.
- (10) Shoaling located 500 feet southeast of green Buoy-G. Shoaling located 630 feet north of red Buoy-6F extending northward 540 feet.
- (11) Spot shoal located on the northern edge of channel near red Buoy-4G. Significant shoaling located near green Buoy G extending southward into channel approximately 400 and west 1,700 feet. Shoaling encompasses entire channel.
- (12) Shoaling throughout entire widener.
- (13) Spot shoal located approximately 700 southeast of red Buoy-10J. Spot shoal located along western edge of channel near green Buoy-11J.
- (14) Shoaling along the northeastern edge of widener. Also, spot shoal on the corner of widener approximately 800 feet southwest of Buoy-10J.
- (15) Spot shoal located along edge of channel near red Buoy-4K. Spot shoal located along edge of channel 1,900 feet south of green Buoy-5K.
- (16) Spot shoal located approximately 450 feet south of green Buoy-5K.
- (17) Spot shoal located approximately 100 feet southeast of green Buoy-11K extending west to edge of channel.

\*Note: These depths were extracted from a compilation of sounding files contained in both survey numbers 04-001 and 04-002. These values were not reported in the original channel condition report dated May-2004.